

APPROVED  
BY CLASS CLASS  
DRAFTSMAN

INVENTOR: decleer, et al.  
Docket No.: 1945.161USU1  
COUPLING AND CLOSURE APPARATUS FOR DISPENSING  
Applicant Name: Michael D. Schumann/rw  
Serial No.: 612.336.4638  
Sheet 1 of 23

FIGURE 1

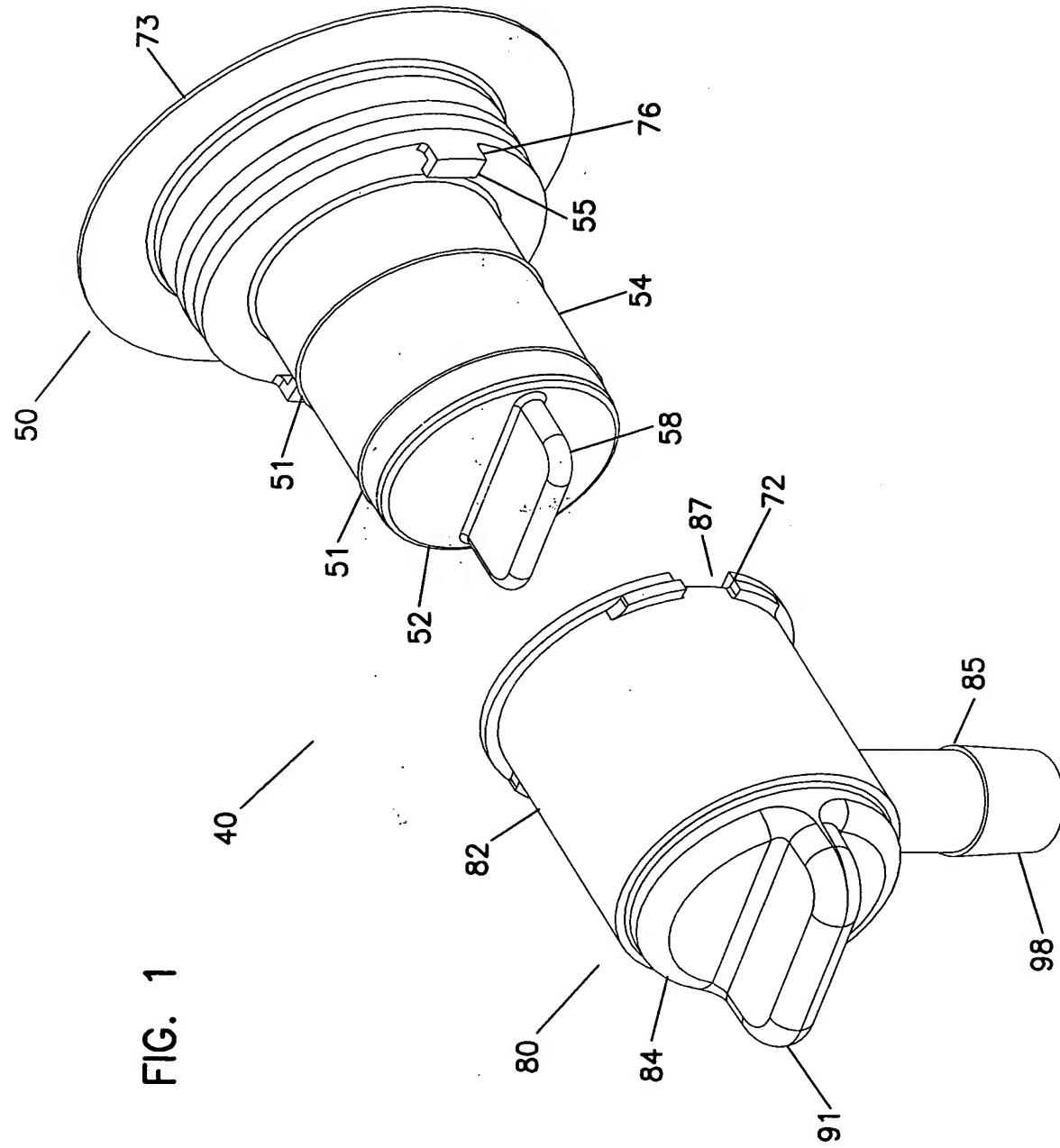


FIG. 1

APPROVED	BY	CLASS	FIG.	13.
DRAFTSMAN				

Inventor: J. Cle, et al.  
Docket No.: 1945.161USU1  
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Phone No.: 612.336.4638  
Sheet 2 of 23

COUPLED "CLOSED" POSITION

FIG. 2b

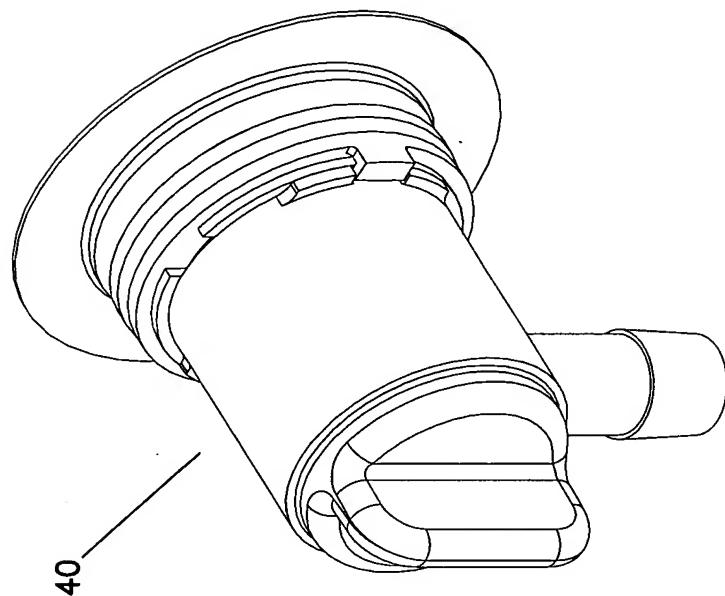
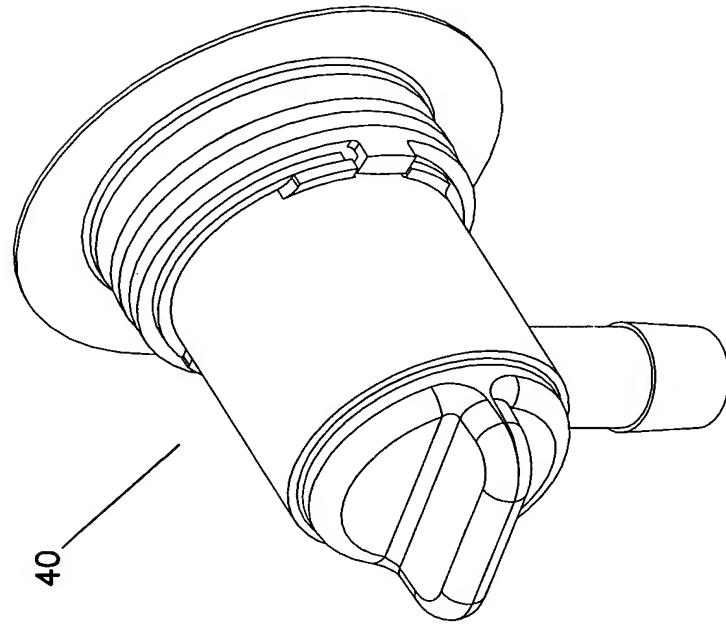


FIG. 2a



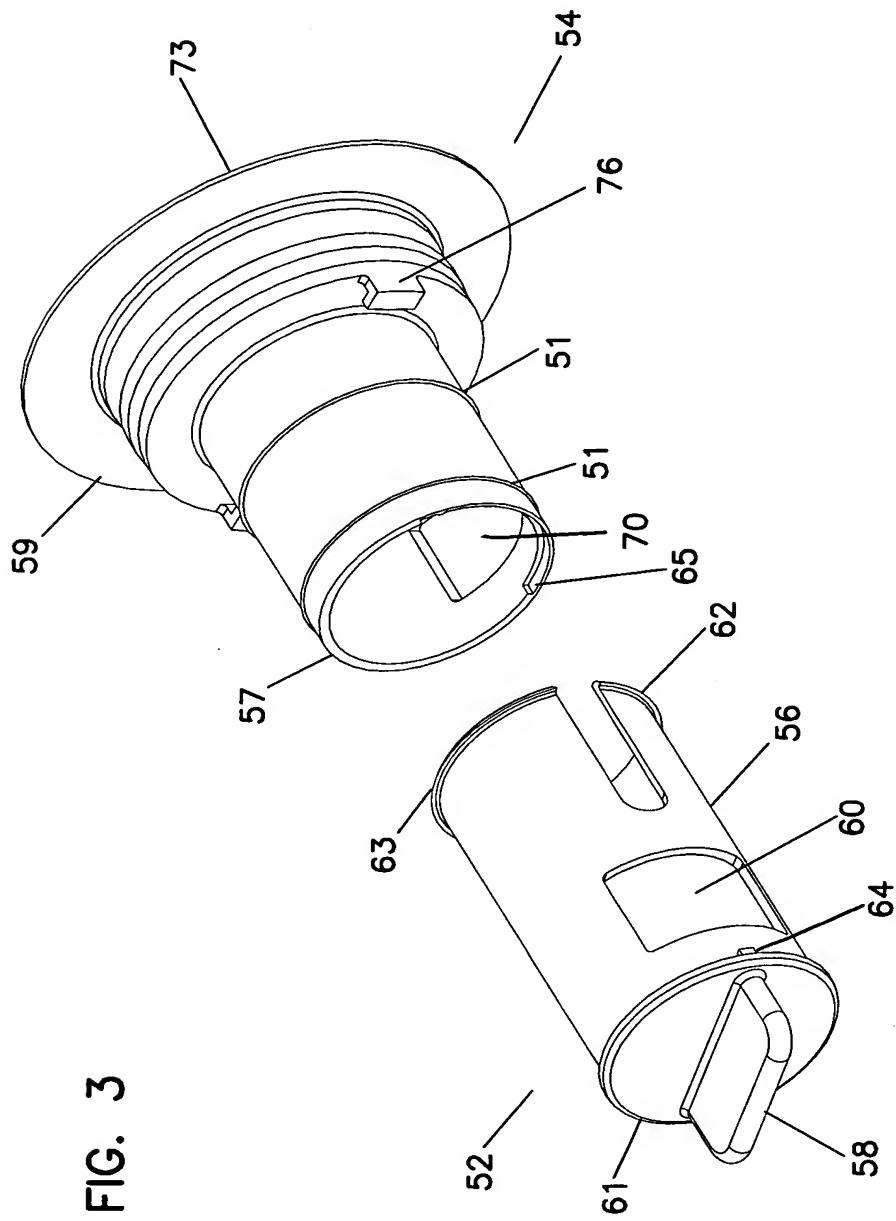


FIG. 5

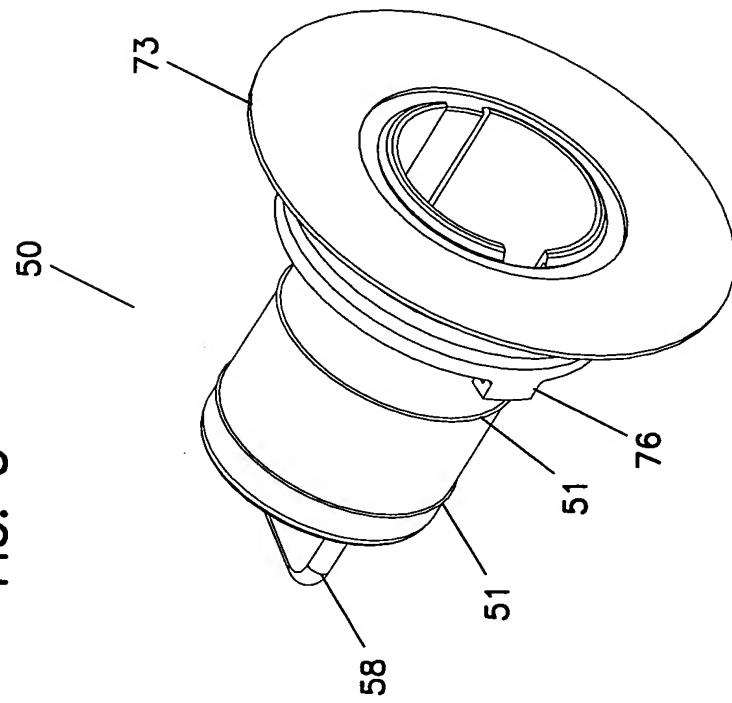
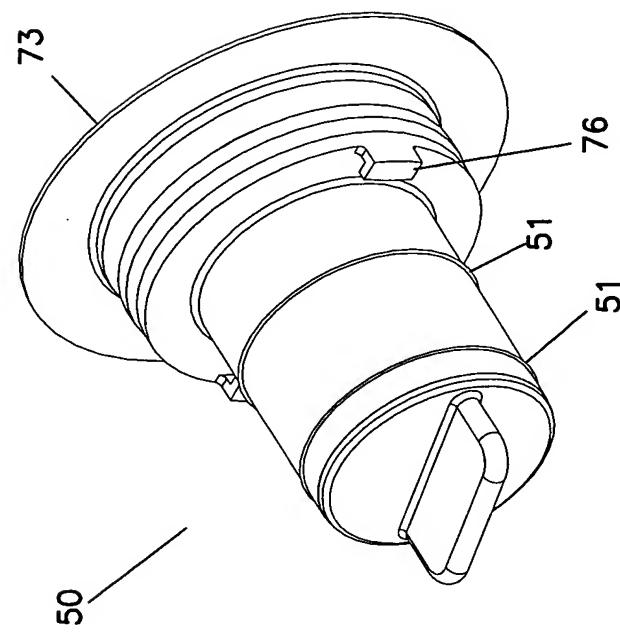
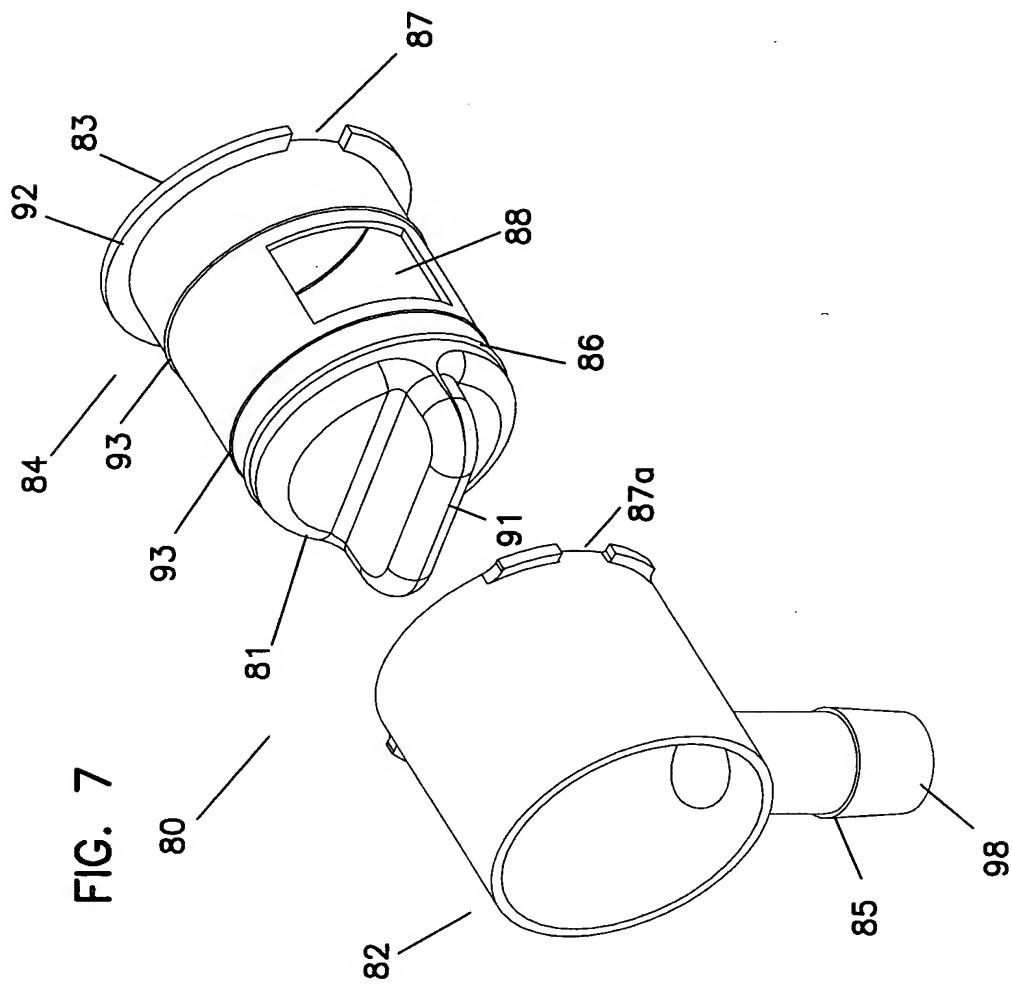
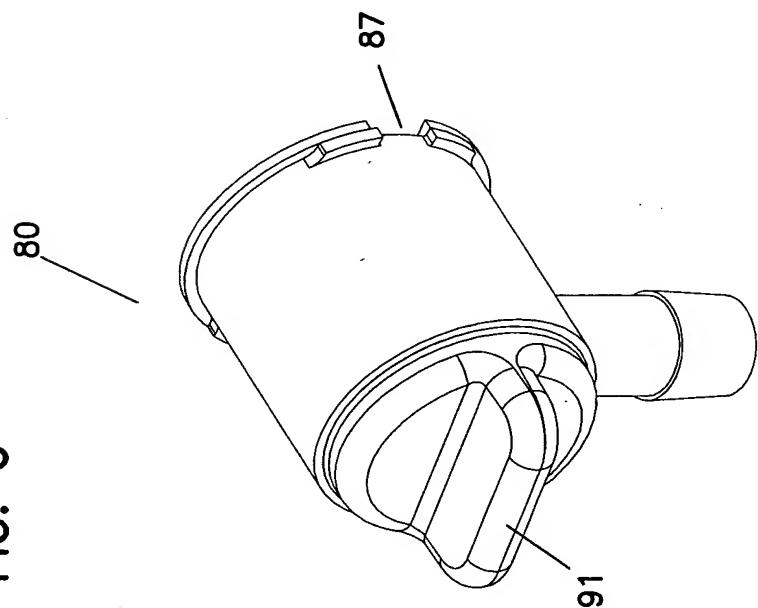


FIG. 4



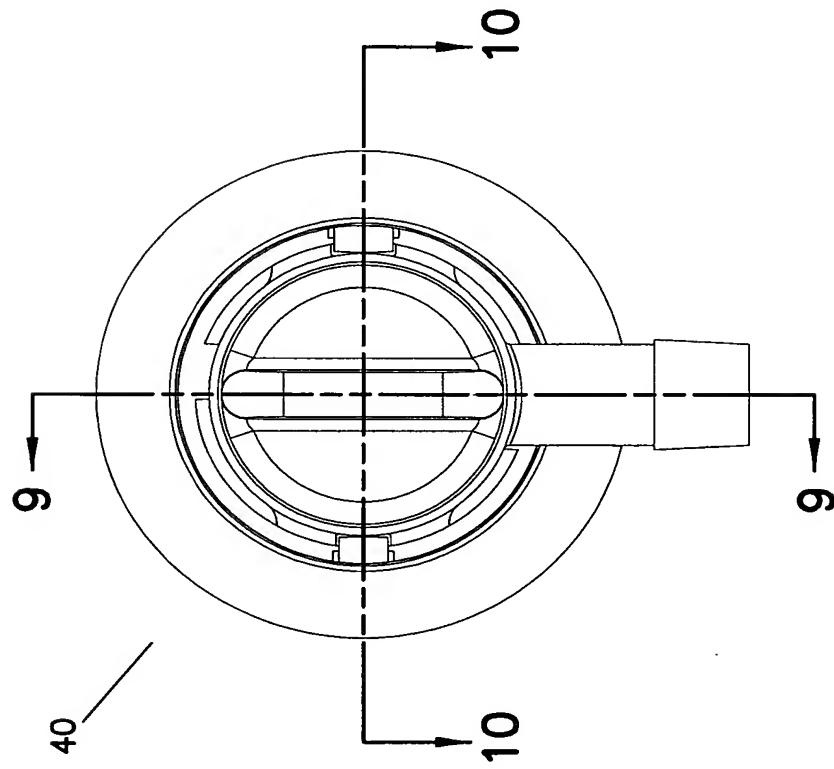


6  
FIG.



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FIG.

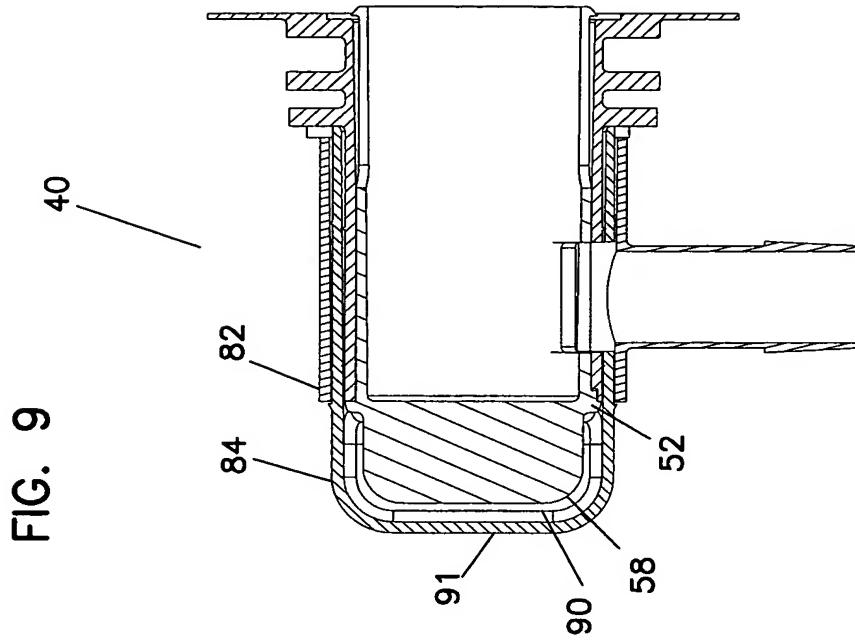
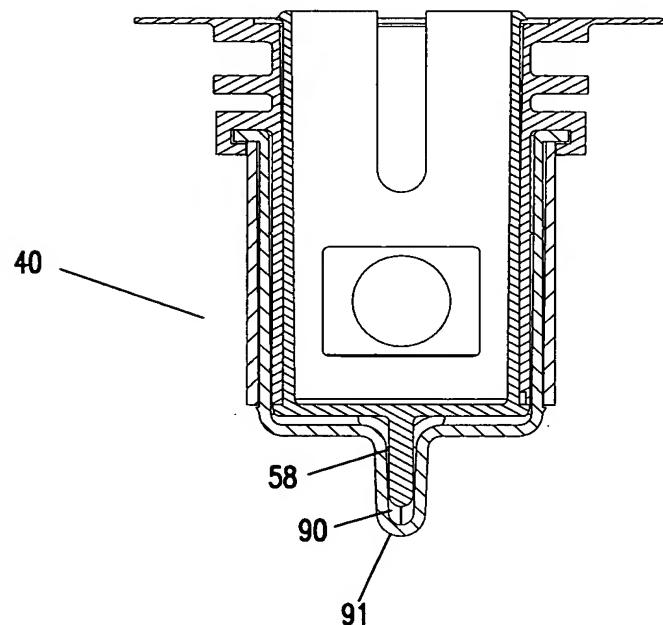


FIG. 10



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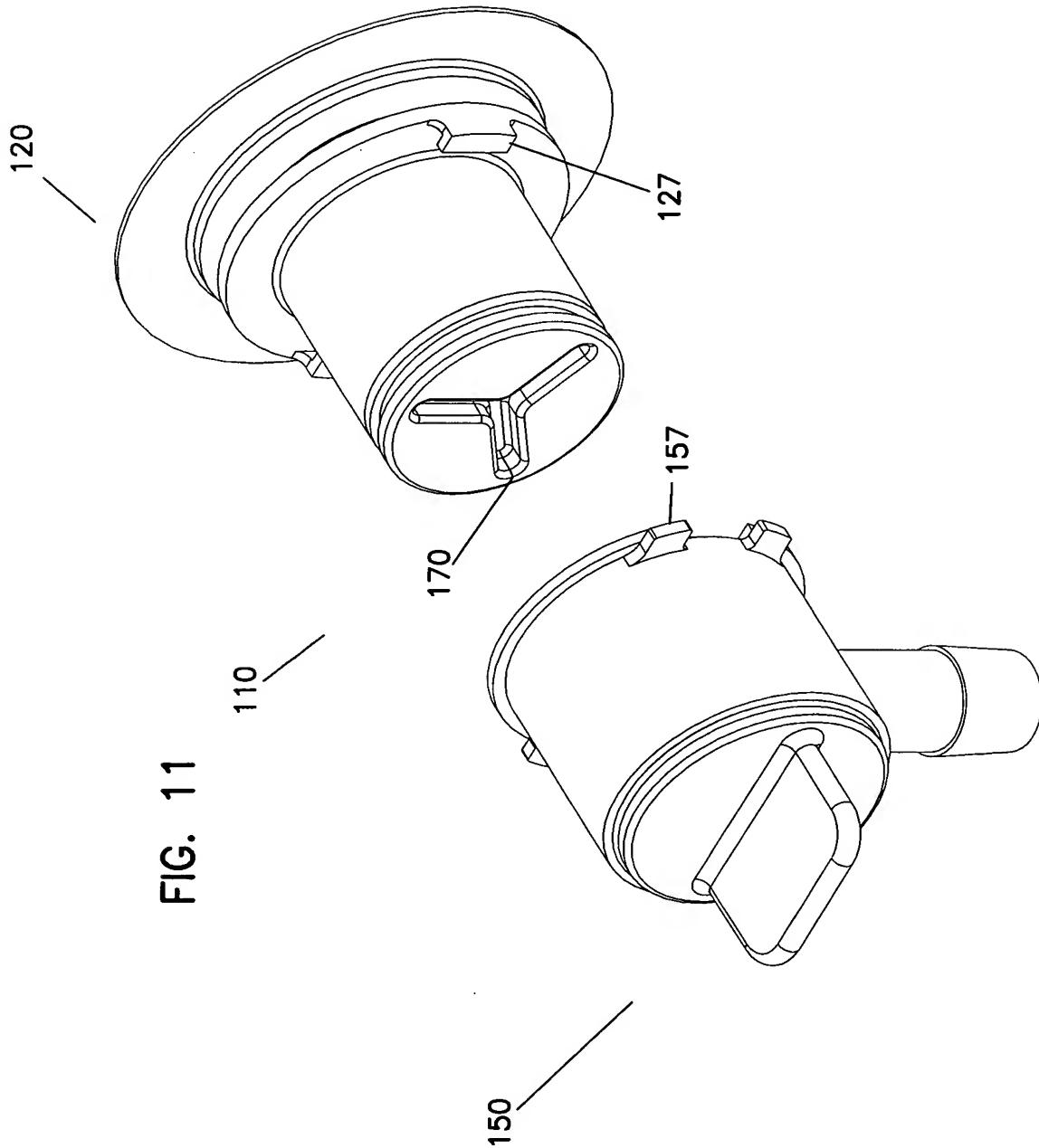


FIG. 11

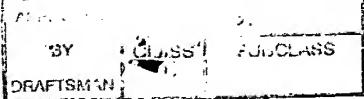


FIG. 12a

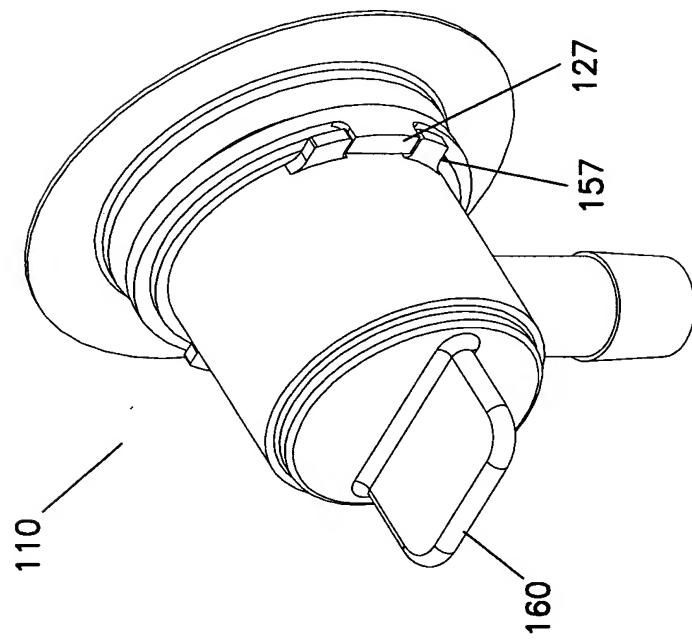
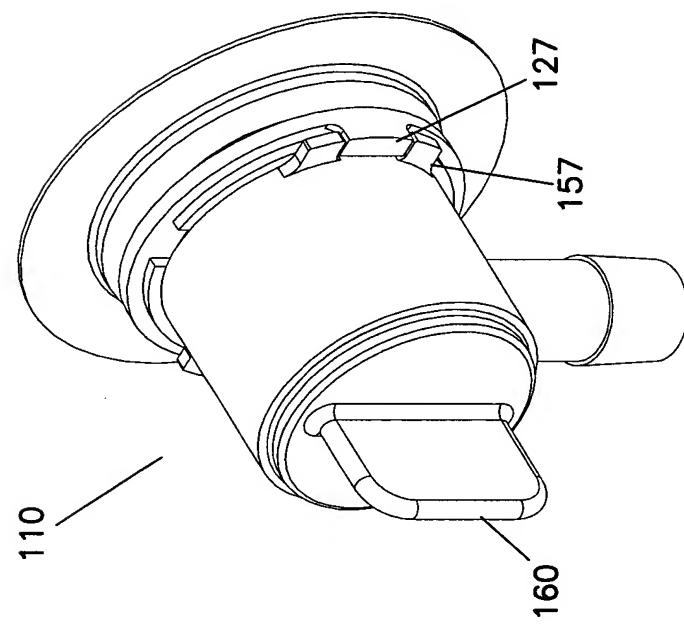


FIG. 12b



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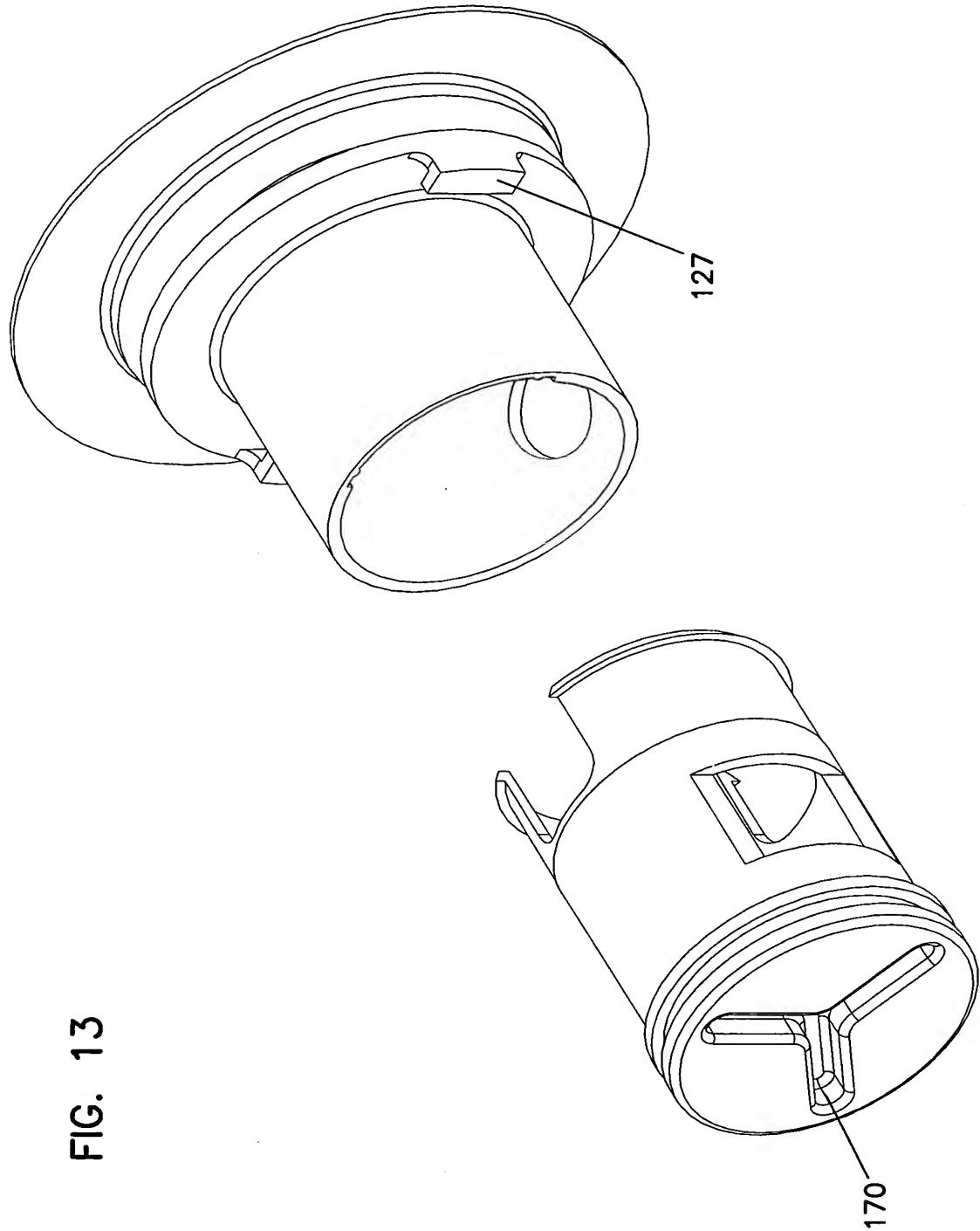


FIG. 13

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1 Inventor: daCler, et al  
Docket No.: 1945.161USU1  
Title: COUPLING AND CLOSURE APPARATUS FOR DISPENSING VALVE  
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Phone No.: 612.336.4638  
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FIG. 14

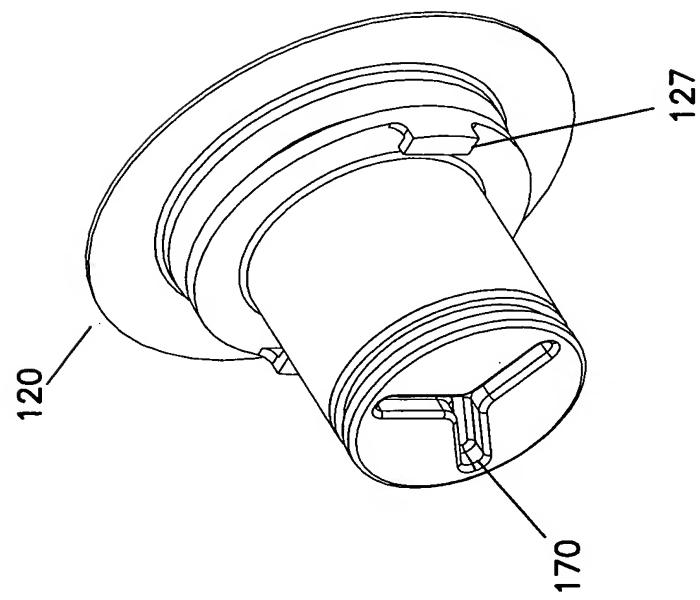
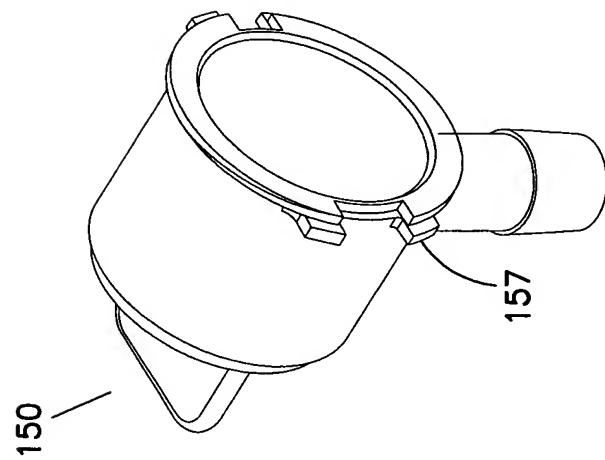
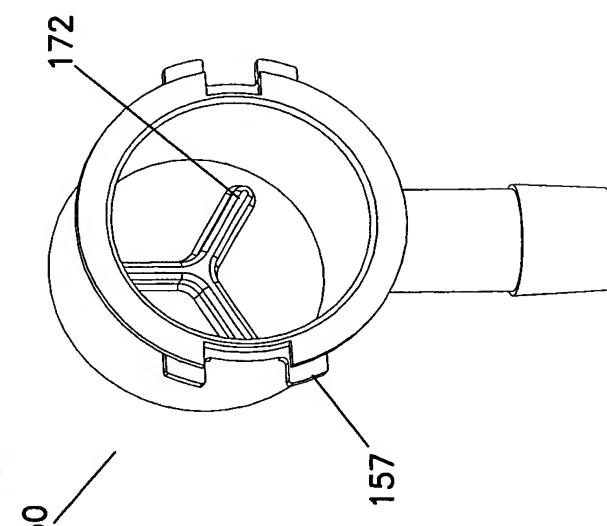
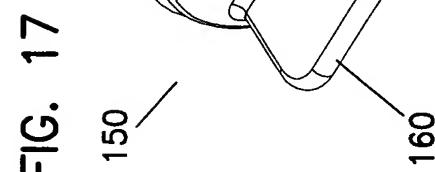
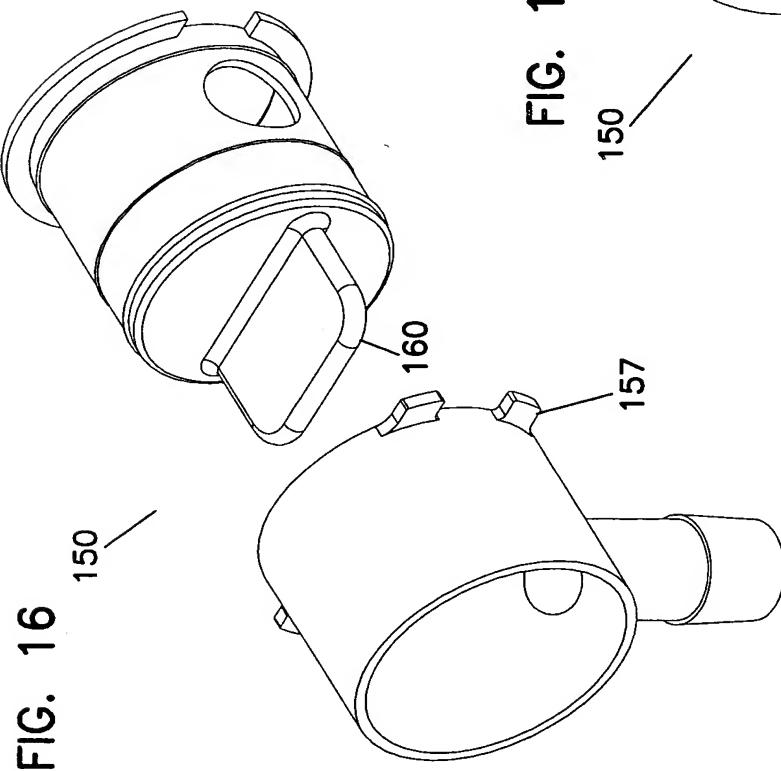


FIG. 15





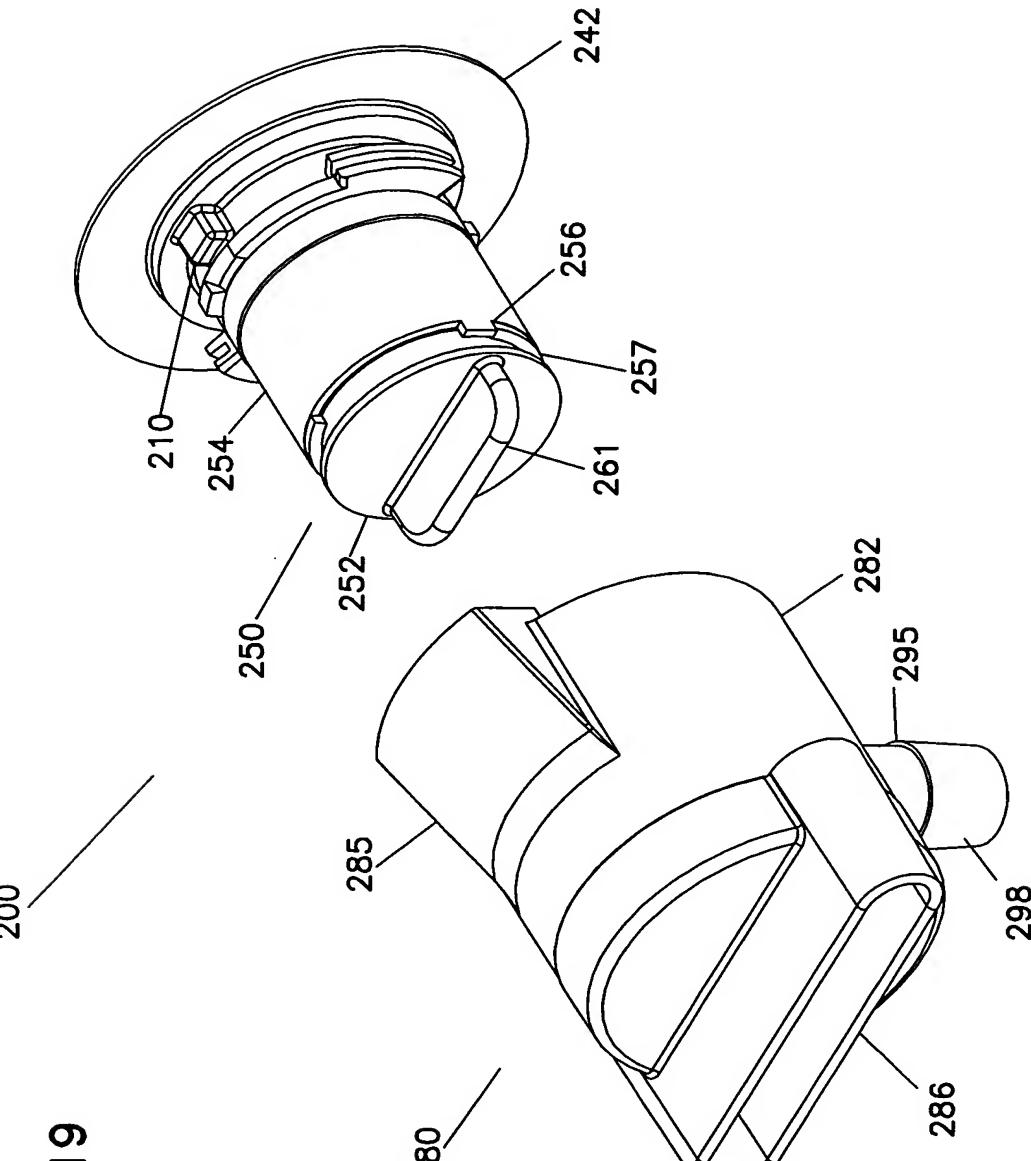


FIG. 19

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FIG. 20b

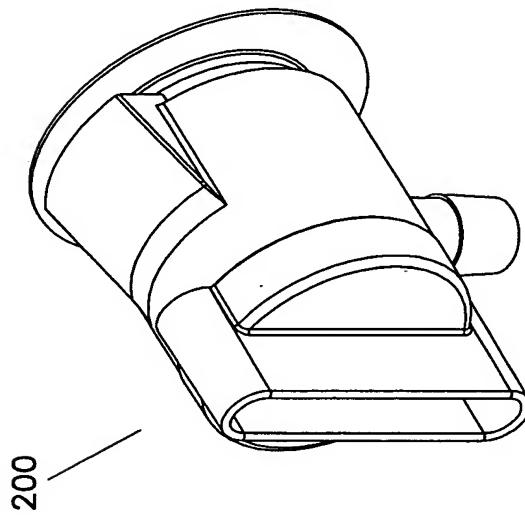
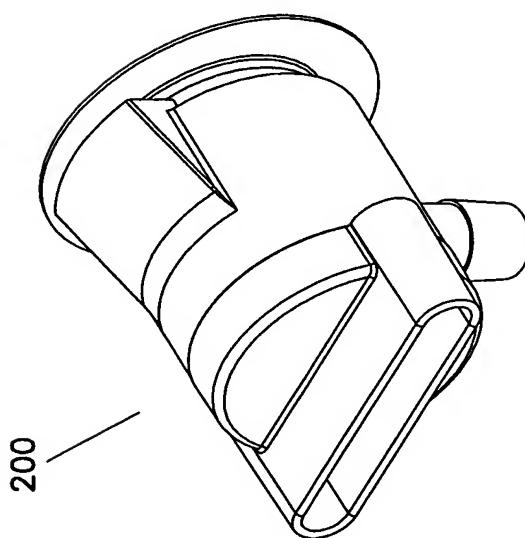


FIG. 20a



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FIG. 21a

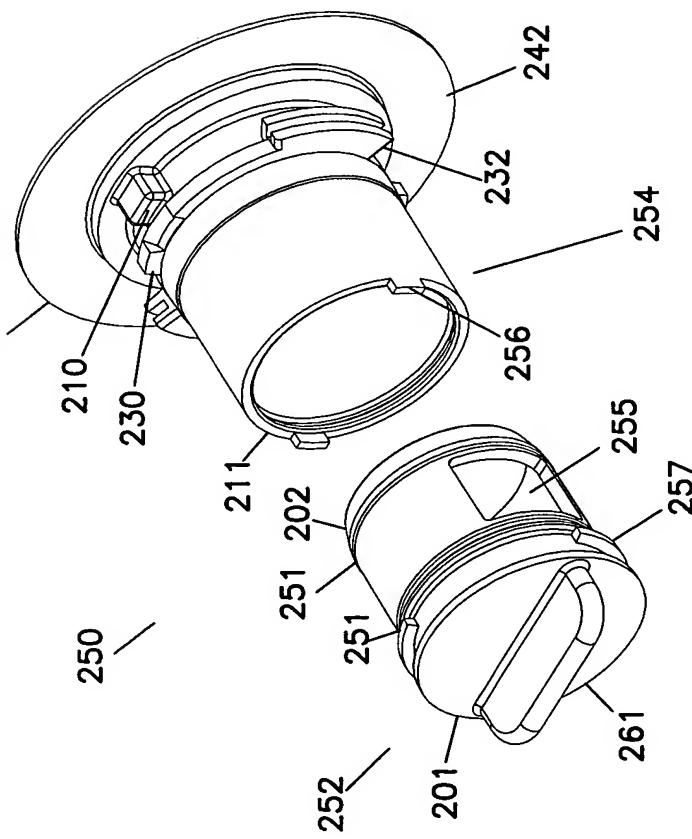


FIG. 21b

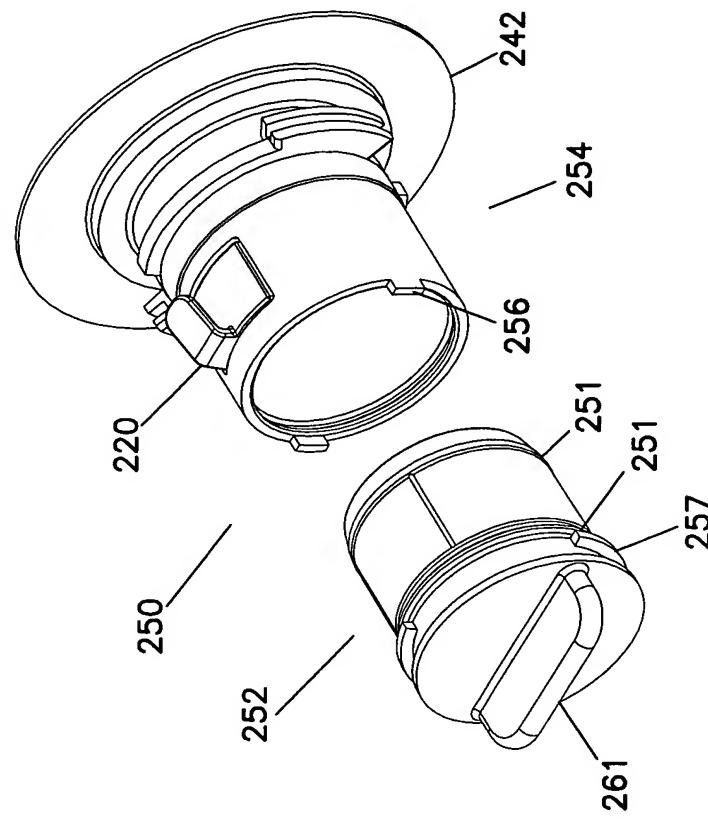


FIG. 22b

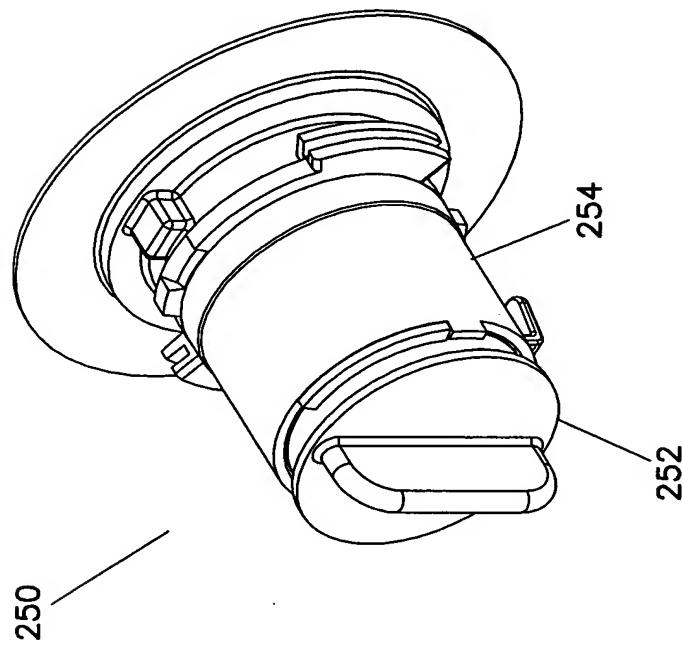
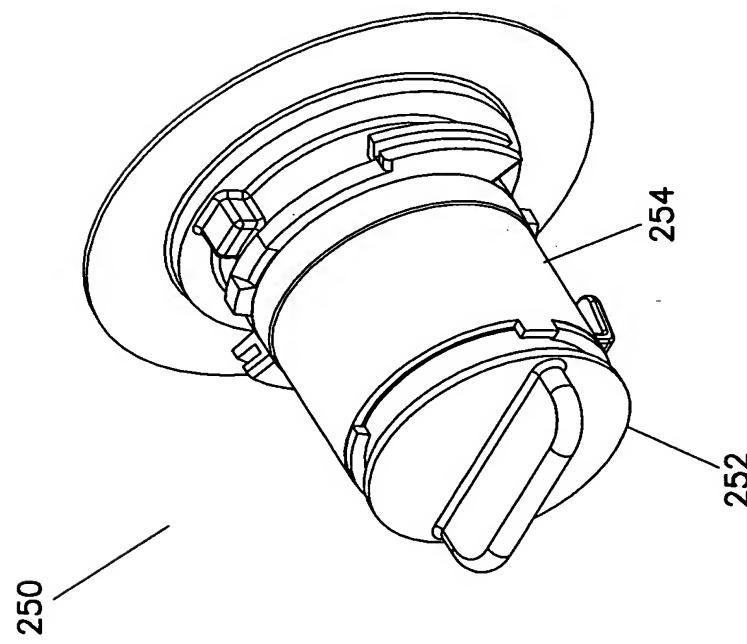
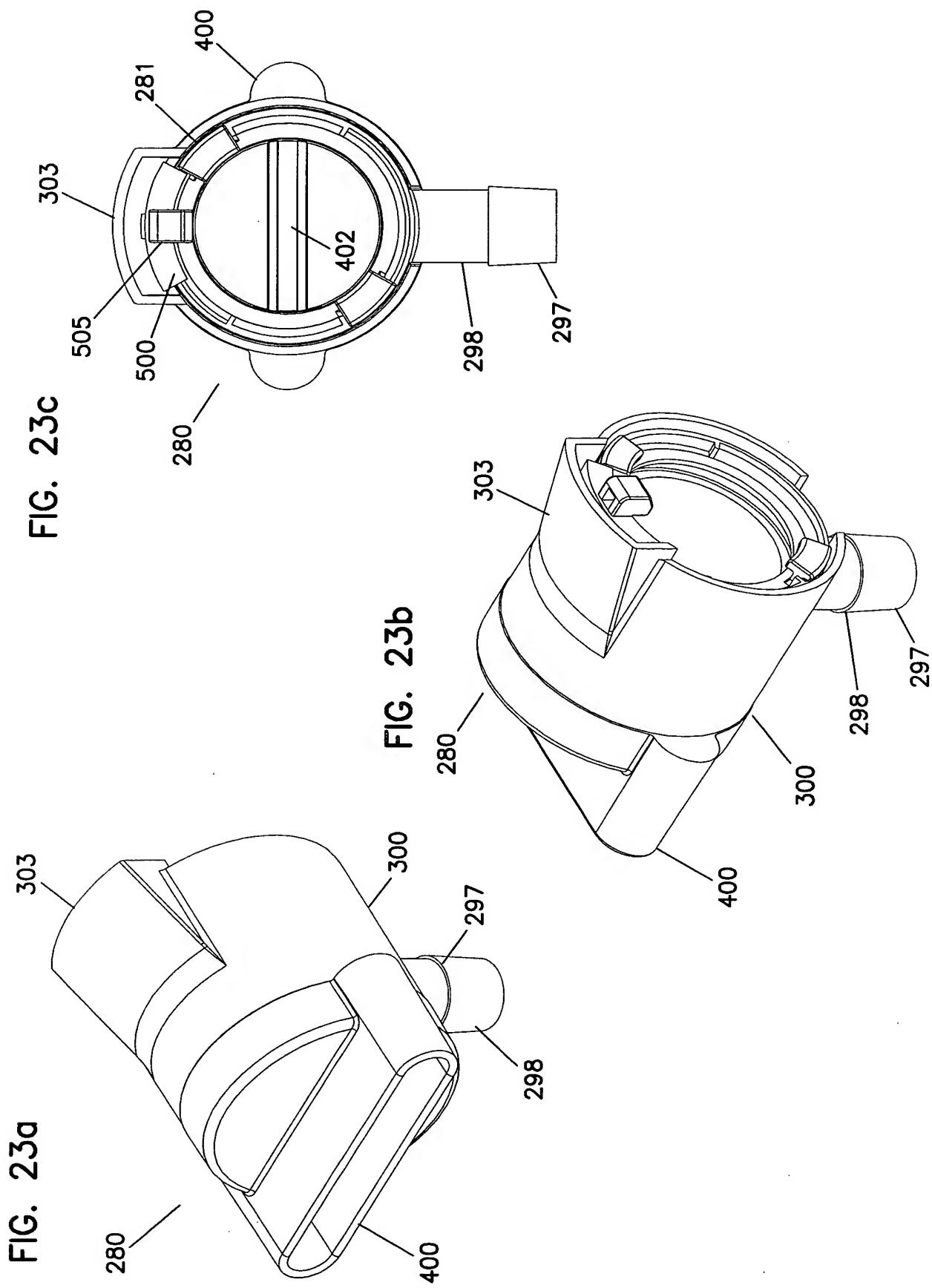
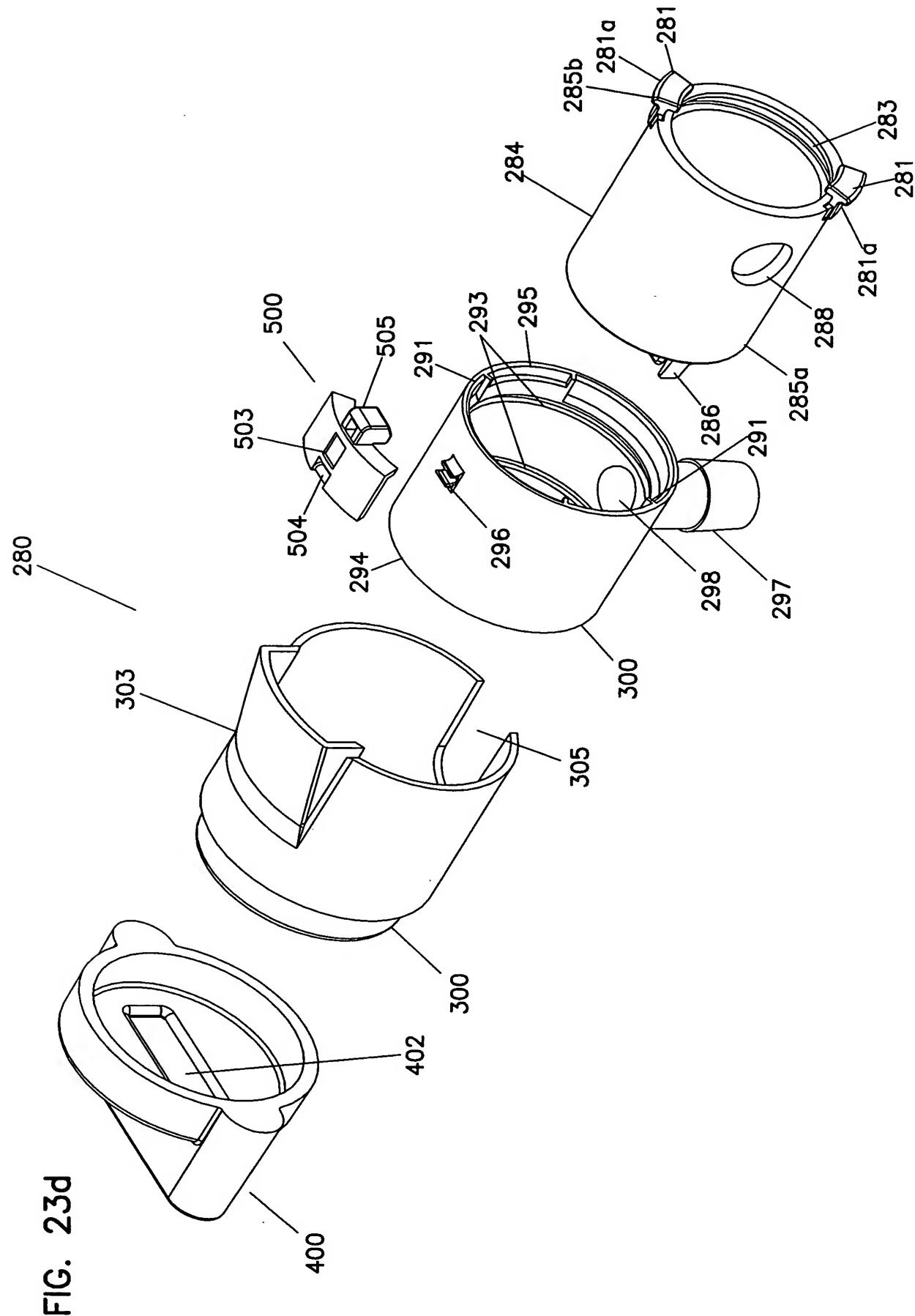


FIG. 22a







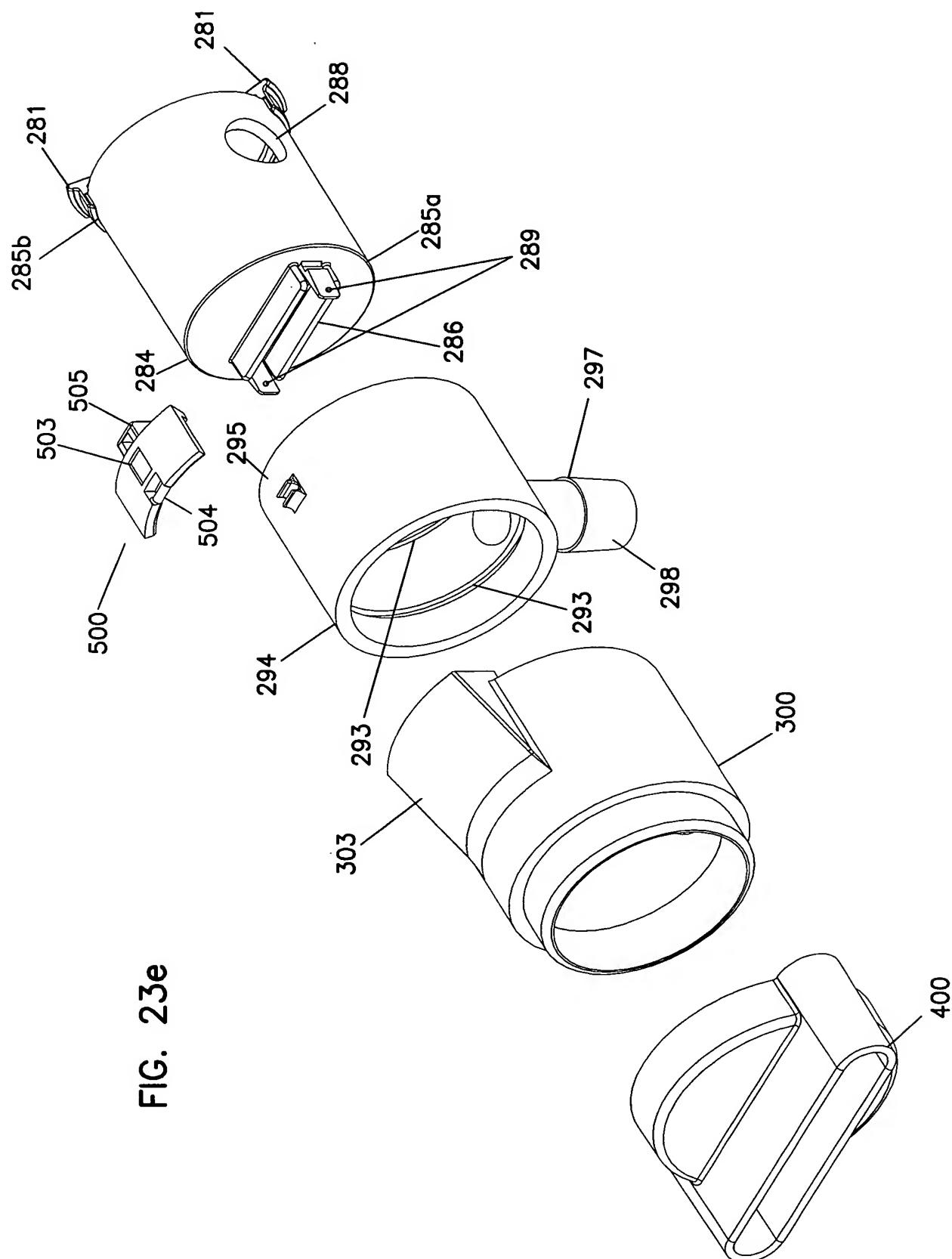
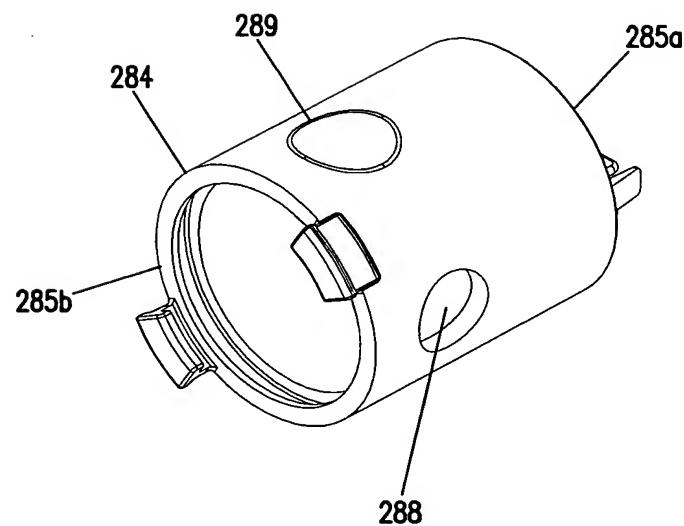
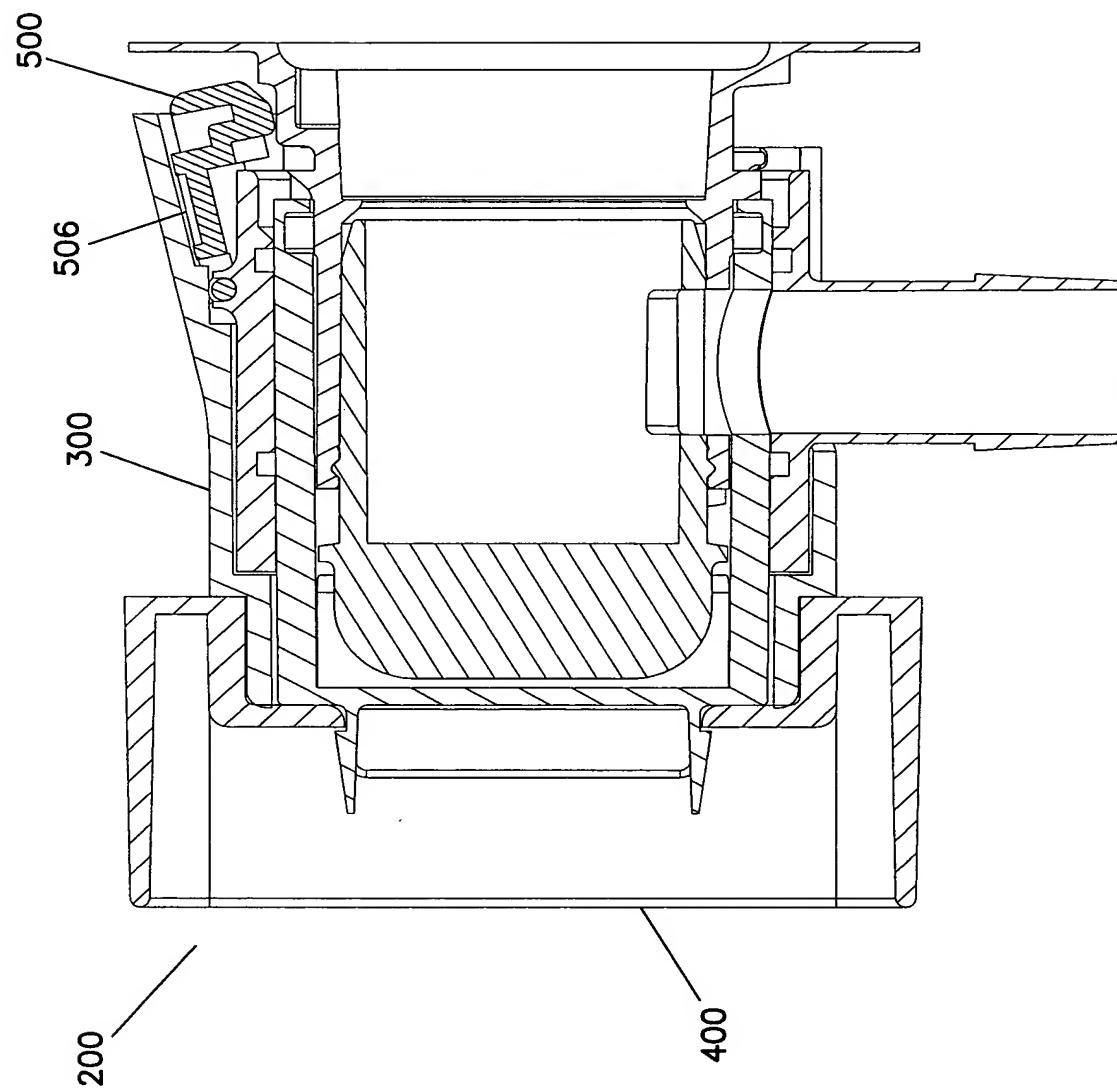


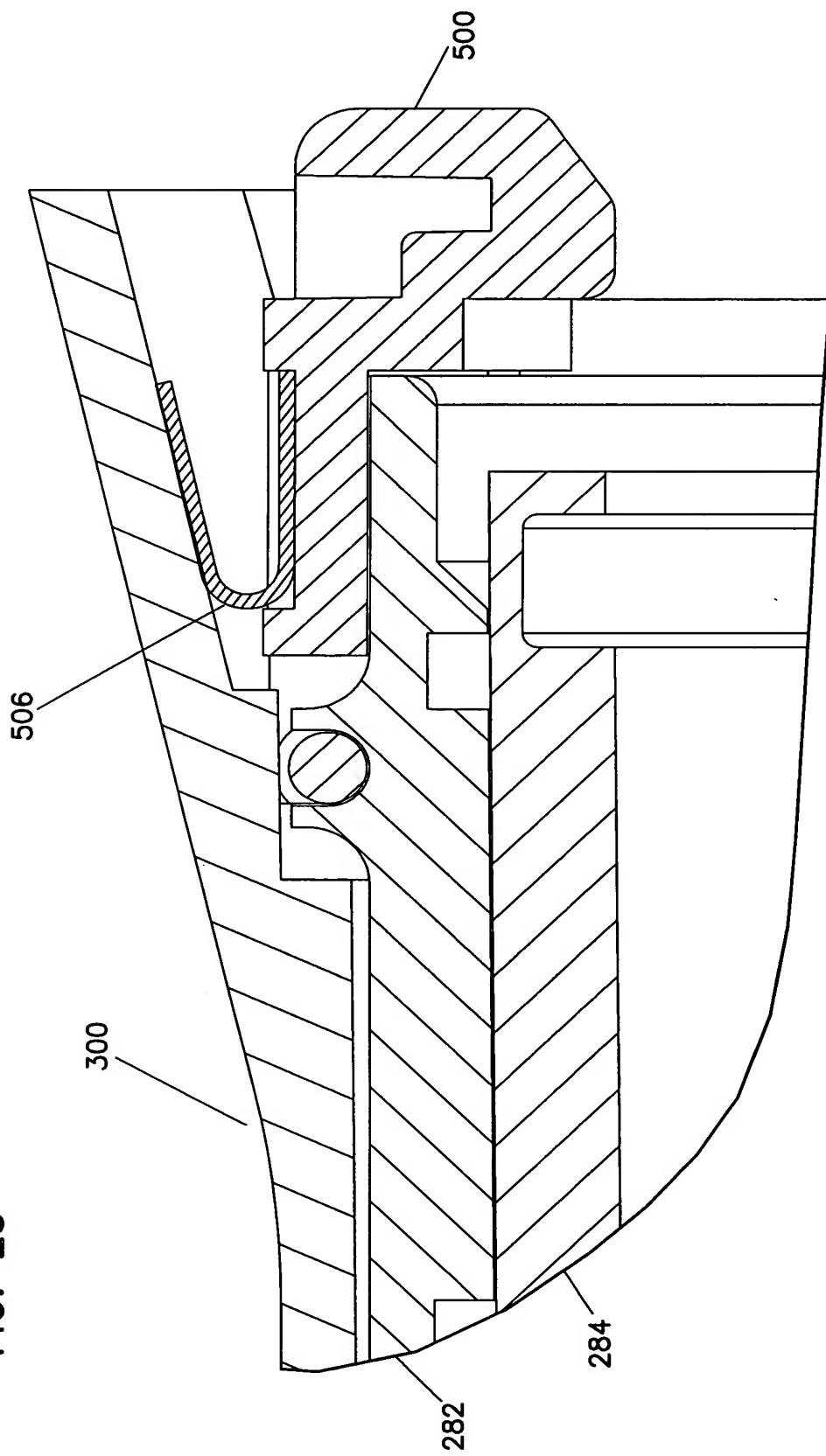
FIG. 23f



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FIG. 24





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FIG. 26

